AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for receiving multimedia information in a communication system, the method comprising:

receiving a plurality of streams, the plurality of streams which together form a multimedia session;

decoding, based upon whether the content of each individual stream comprises one or more of audio, video, and data, the plurality of streams to form a plurality of decoded streams; and

performing a different Layer 2 functionality upon each of the plurality of decoded streams based upon whether the content of each individual stream comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data.

2. (Original) A method for receiving multimedia information in a communication system in accordance with claim 1, wherein the step of receiving a plurality of streams comprises the step of receiving the plurality of streams over the air.

3. (Original) A method for receiving multimedia information in a communication system in accordance with claim 1, further comprising the step of alerting a mobile station to begin processing multimedia streams.

4. (Original) A method for receiving multimedia information in a communication system in accordance with claim 1, further comprising the step of alerting a base station to begin processing multimedia streams.

5. (Original) A method for receiving multimedia information in a communication system in accordance with claim 1, further comprising the step of deciding to enter multimedia mode.

6. (Original) A method for receiving multimedia information in a communication system in accordance with claim 5, wherein the step of deciding to enter multimedia mode comprises the step of deciding to enter multimedia mode by a mobile station.

7. (Original) A method for receiving multimedia information in a communication system in accordance with claim 6, further comprising the step of alerting a computer connected to the mobile station to enter multimedia mode.

8. (Original) A method for receiving multimedia information in a communication system in accordance with claim 6, further comprising the step of alerting a network to enter multimedia mode.

9. (Original) A method for receiving multimedia information in a communication system in accordance with claim 5, wherein the step of deciding to enter multimedia mode comprises the step of deciding to enter multimedia mode by a computer connected to the mobile station.

10. (Original) A method for receiving multimedia information in a communication system in accordance with claim 9, further comprising the step of alerting a mobile station to enter multimedia mode.

11. (Original) A method for receiving multimedia information in a communication system in accordance with claim 9, further comprising the step of alerting a network to enter multimedia mode.

12. (Original) A method for receiving multimedia information in a communication system in accordance with claim 5, wherein the step of deciding to enter multimedia mode comprises the step of deciding to enter multimedia mode by a network.

13. (Original) A method for receiving multimedia information in a communication system in accordance with claim 12, further comprising the step of alerting a mobile station to enter multimedia mode.

14. (Original) A method for receiving multimedia information in a communication system in accordance with claim 12, further comprising the step of alerting a computer connected to the mobile station to enter multimedia mode.

15. (Currently Amended) A method for transmitting multimedia information in a communication system, the method comprising:

receiving a multimedia stream at a mobile station;

splitting the multimedia stream into component pieces at the mobile station based on whether each component piece comprises one or more of audio, video, and data;

applying a different Layer 2 protocol to the component pieces at the mobile station based upon whether each component piece comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data;

applying channel coding to the component pieces at the mobile station; and

transmitting the component pieces from the mobile station to a base station.

16. (Original) A method for transmitting multimedia information in a communication system in accordance with claim 15, wherein the step of transmitting to a base station comprises transmitting each component piece individually to a base station.

17. (Original) A method for transmitting multimedia information in a communication system in accordance with claim 15, wherein the step of transmitting the component pieces comprises the step of transmitting the component pieces over the air.

18. (Currently Amended) A method for receiving multimedia information in a communication system, the method comprising:

receiving a plurality of streams which together form a multimedia session;

decoding, based upon whether the content of each individual stream comprises one or more of audio, video, and data, the plurality of decoded streams;

performing a different Layer 2 functionality upon each of the decoded streams based upon whether the content of each individual stream comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data; and

combining the plurality of streams into a multimedia stream.

19. (Previously Presented) A method for receiving multimedia in accordance with claim 18, further comprising the step of sending the multimedia stream to a network.

20. (Previously Presented) A method for receiving multimedia in accordance with claim 18, wherein the step of receiving a plurality of streams comprises the step of receiving a plurality of streams over the air.

21. (Currently Amended) A method for transmitting multimedia information in a communication system, the method comprising:

applying a different Layer 2 protocol to component pieces of a multimedia stream at a mobile station based upon whether each component piece comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data;

applying channel coding to the component pieces at the mobile station based on whether each component piece comprises one or more of audio, video, and data; and

transmitting the component pieces to a base station.

22. (Original) A method for transmitting multimedia information in a communication system in accordance with claim 21, wherein the step of transmitting the component pieces to a base station comprises the step of transmitting the component pieces over the air.

23. (Currently Amended) A method for transmitting multimedia information in a communication system, the method comprising:

receiving a multimedia stream;

splitting the multimedia stream into component pieces based on whether each component piece comprises one or more of audio, video, and data;

applying a different Layer 2 protocol to the component pieces based upon whether each component piece comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data;

applying channel coding to the component pieces; and

transmitting over the air the component pieces to a mobile station.

24. (Currently Amended) A communication system for transmitting multimedia information comprising:

a network including a plurality of base stations and a controller;

a mobile station coupled to the network and including a plurality of multimedia ports, wherein each multimedia port of the plurality of multimedia ports receives a multimedia stream of a plurality of multimedia streams comprising a multimedia session and routes the received multimedia stream to a different coder of a plurality coders based on whether the multimedia stream comprises ~~one or more of~~ audio, comprises video, ~~and~~ or comprises data; and

a computer coupled to the mobile station and including a multimedia port coupled to the mobile station.

25. (Original) A communication system for transmitting multimedia information in accordance with claim 24, wherein the plurality of multimedia ports includes a voice port.

26. (Original) A communication system for transmitting multimedia information in accordance with claim 24, wherein the plurality of multimedia ports includes a video port.

27. (Original) A communication system for transmitting multimedia information in accordance with claim 24, wherein the plurality of multimedia ports includes a data port.